## **EAST Search History**

## EAST Search History (Prior Art)

| Ref# | Hits | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|------|------|---|--|---------------------|---------|---------------------|
| L1   | 15   | ("20020188570"   "4649233"   "5694332"   "5771334"   "5794038"   "5852664"   "5875303"   "590579"   "5983909"   "6188799"   "6205180"   "6240185"   "6445797"   "6868403"   "7162642"). FN. | US-PGPUB;<br>USPAT   | OR                  | OFF     | 2009/12/14<br>13:24 |
| L2   | 574  | (380/210).OOLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/12/14<br>13:25 |
| L3   | 172  | 2 and (@pd <"19990325"<br>OR @ad <"19990325"<br>OR @rlad <"19990325"<br>OR @prad <"19990325")   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2009/12/14<br>13:25 |
| L4   | 429  | (380/239) .COLS.  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/12/14<br>13:28 |
| L5   | 199  | 4 and (@pd <"19990325"<br>OR @ad <"19990325"<br>OR @rlad <"19990325"<br>OR @prad <"19990325")   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2009/12/14<br>13:28 |
| L6   | 441  | (380/43).CCLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/12/14<br>13:31 |
| L7   | 327  | 6 and (@pd <"19990325"<br>OR @ad <"19990325"<br>OR @rlad <"19990325"<br>OR @prad <"19990325")   | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2009/12/14<br>13:31 |
| L8   | 163  | (380/232).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | OFF     | 2009/12/14<br>13:33 |

| L9  | 53   | 8 and (@pd <"19990325"<br>OR @ad <"19990325"<br>OR @rlad <"19990325"<br>OR @prad <"19990325")     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/12/14<br>13:33 |
|-----|------|---|--|-----|-----|---------------------|
| L10 | 246  | (380/217).OOLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/12/14<br>13:35 |
| L11 | 97   | 10 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/12/14<br>13:35 |
| L12 | 143  | (380/287) .COLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/12/14<br>13:38 |
| L13 | 70   | 12 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/12/14<br>13:38 |
| L14 | 587  | (380/54).COLS.  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/12/14<br>13:39 |
| L15 | 388  | 14 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/12/14<br>13:39 |
| L16 | 224  | (380/231).CCLS.   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/12/14<br>13:40 |
| L17 | 115  | 16 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/12/14<br>13:40 |
| L18 | 1376 | (380/201).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM TDB | OR  | OFF | 2009/12/14<br>13:42 |

| L19 | 374  | 18 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/12/14<br>13:42 |
|-----|------|---|--|-----|-----|---------------------|
| L20 | 392  | (704/503).COLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/12/14<br>13:44 |
| L21 | 188  | 20 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/12/14<br>13:44 |
| L22 | 136  | (704/504).COLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/12/14<br>13:46 |
| L23 | 81   | 22 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/12/14<br>13:46 |
| L24 | 2414 | (726/26).COLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/12/14<br>13:47 |
| L25 | 269  | 24 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/12/14<br>13:47 |
| L26 | 1668 | (726/27).COLS.  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/12/14<br>13:48 |
| L27 | 159  | 26 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/12/14<br>13:48 |
| L28 | 2967 | (713/193).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/12/14<br>13:51 |

| L29 | 52   | L28 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325" and<br>(encrypt\$4 scramb\$4<br>encod\$4) and (decrypt\$4<br>decod\$4) and<br>(decompress\$4)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | ON  | 2009/12/14<br>13:51 |
|-----|------|--|--|-----|-----|---------------------|
| L30 | 52   | [29  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/12/14<br>13:51 |
| L31 | 2056 | (380/28).COLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/12/14<br>13:51 |
| L32 | 27   | L31 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") and<br>(encrypt\$4 scramb\$4<br>encod\$4) and (decrypt\$4<br>decod\$4) and<br>(decompress\$4) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | ON  | 2009/12/14<br>13:51 |
| L33 | 27   | L32  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/12/14<br>13:51 |
| L34 | 16   | Shamoon-Talal-g.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/12/14<br>13:52 |
| L35 | 11   | L34  | US-PGPUB;<br>USPAT   | OR  | OFF | 2009/12/14<br>13:52 |
| L36 | 10   | hill-ralph-d.in.   | US-PGPUB;<br>USPAT   | OR  | ON  | 2009/12/14<br>13:54 |
| L37 | 10   | L36  | US-PGPUB;<br>USPAT   | OR  | OFF | 2009/12/14<br>13:54 |
| L38 | 5    | raddiffe-chris-d.in.   | US-PGPUB;<br>USPAT   | OR  | ON  | 2009/12/14<br>13:55 |
| L39 | 5    | L38  | US-PGPUB;<br>USPAT   | OR  | OFF | 2009/12/14<br>13:55 |
| L40 | 6    | hwa-john-p.in.   | US-PGPUB;<br>USPAT   | OR  | ON  | 2009/12/14<br>13:56 |
| L41 | 6    | L40  | US-PGPUB;<br>USPAT   | OR  | OFF | 2009/12/14<br>13:56 |

| 31 | 188 | ("6426952"          | US-PGPUB;                               | OR | OFF | 2007/01/17 |
|----|-----|---------------------|---|----|-----|------------|
|    |     | "20040107356"       | USPAT; USOCR;                           |    |     | 13:44      |
|    |     | "5465850" "6965926" | FPRS; EPO;                              |    |     |            |
|    |     | "4446517" "5400401" | JPO; DERWENT;                           |    |     |            |
|    |     | "6226642" "6226642" | IBM_TDB                                 |    |     |            |
|    |     | "5459866" "5956025" |   |    |     |            |
|    |     | "20060101338"       |   |    |     |            |
|    |     | "6195279" "5781440" |   |    |     |            |
|    |     | "5740445" "5442610" |   |    |     |            |
|    |     | "5671394" "6253193" |   |    |     |            |
|    |     | "6363488" "6389402" |   |    |     |            |
|    |     | "6427140" "4939645" |   |    |     |            |
|    |     | "4977830" "5479170" |   |    |     |            |
|    |     | "5506940" "5669005" |   |    |     |            |
|    |     | "5829022" "5838747" |   |    |     |            |
|    |     | "5873097" "5893131" |   |    |     |            |
|    |     | "5894324" "5930474" |   |    |     |            |
|    |     | "6049831" "6105034" |   |    |     |            |
|    |     | "6112063" "6177933" |   |    |     |            |
|    |     | "6289350" "6363390" | -                                       |    |     |            |
|    | 1   | "6370535" "6626957" |   |    |     |            |
|    |     | "6651186" "7035848" |   |    |     |            |
|    |     | "20020095459"       | -                                       |    |     |            |
|    |     | "20020095459        | -                                       |    |     |            |
|    |     | "20020136493        |   |    |     |            |
|    |     |                     |   |    |     |            |
|    |     | "20030074421"       |   |    |     |            |
|    |     | "20040034716"       |   |    |     |            |
|    |     | "20040153827"       |   |    |     |            |
|    |     | "20040158712"       |   |    |     |            |
|    |     | "20050033750"       |   |    |     |            |
|    |     | "20050131970"       |   |    |     |            |
|    |     | "20060176271"       |   |    |     |            |
|    |     | "20060271578"       |   |    | i   |            |
|    |     | "4417283" "4480277" |   |    | 1   |            |
|    |     | "4890099" "4963763" |   |    | i   |            |
|    |     | "5012120" "5177728" |   |    | 1   |            |
|    |     | "5423012" "5442762" |   |    |     |            |
|    |     | "5530873" "6181948" | *****                                   |    |     |            |
|    | 1   | "4817695" "4891126" |   |    | 1   |            |
|    |     | "4891284" "5182010" | ******                                  |    | -   |            |
|    |     | "5234898" "5390353" | 5                                       |    | 1   |            |
|    |     | "5999177" "6144376" | ***                                     |    | 1   |            |
|    |     | "5438201" "5881354" | *                                       |    | -   |            |
|    |     | "5933599" "6281286" | *************************************** |    | 1   |            |
|    |     | "20060190615"       | ****                                    |    |     |            |
|    | 1   | "5179320" "6457024" |   |    |     |            |
|    |     | "5933592" "5915018" | *****                                   |    |     |            |
|    |     | "6265636" "6363149" |   |    |     |            |
|    |     | "6388169" "6452952" |   |    |     |            |
|    |     | "20040027393"       |   |    |     |            |
|    |     | "20040252840"       | *****                                   |    |     |            |
|    |     | "20050084251"       |   |    |     |            |
|    |     | "20050160266"       | *****                                   |    |     |            |
|    |     | "20050268323"       |   |    |     |            |
|    |     | "20060140585"       | *****                                   |    |     |            |
|    |     | "20060190403"       | ***                                     |    |     |            |
|    |     | "20060230327"       | ***                                     |    |     |            |
|    | i   | "4265033" "4540472" | 1                                       | }  | 1   | 1          |

|     |     | "5012234" "5837410"<br>"6311176" "6512836"<br>"6931529"<br>"20020091921"<br>"20040216150" ).pn. | ***************************************                              |    | *************************************** |                     |
|-----|-----|---|--|----|---|---------------------|
| S2  | 6   | "715597".ap.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF                                     | 2007/01/17<br>15:26 |
| S3  | 0   | Spanos-george.in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF                                     | 2007/01/17<br>15:27 |
| S4  | 76  | Spanos.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF                                     | 2007/01/17<br>15:27 |
| S5  | 0   | Maples-Tracy.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF                                     | 2007/01/17<br>16:57 |
| S6  | 2   | "5875303".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF                                     | 2007/01/17<br>17:50 |
| S7  | 129 | (380/212).OOLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF                                     | 2007/01/17<br>17:51 |
| S8  | 12  | S7 and rule   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON                                      | 2007/01/17<br>18:02 |
| S9  | 165 | (380/217).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF                                     | 2007/01/17<br>18:02 |
| S10 | 37  | S9 and (rule or rules)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON                                      | 2007/01/18<br>17:09 |

| S11 | 165 | (380/217).COLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/18<br>17:10 |
|-----|-----|---|--|----|-----|---------------------|
| S12 | 15  | S11 and (rule or rules)<br>and (money or cost or<br>budget)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/18<br>19:39 |
| S13 | 1   | "6011761".pn.   | USPAT  | OR | OFF | 2007/01/18<br>17:22 |
| S14 | 24  | ("5272576"   "5539635"   "5625610"   "5668873"   "5703869"   "5774961"   "5778064"   "57793960"   "5799081"   "5812937"   "5825968"   "5859815"   "5862104"   "5870710"). PN. OR ("6011761"). UFFN. | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2007/01/18<br>17:39 |
| S15 | 2   | "5825876".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/18<br>17:42 |
| S16 | 1   | "5754649".pn.   | USPAT  | OR | OFF | 2007/01/18<br>17:43 |
| S17 | 1   | "5754648".pn.   | USPAT  | OR | OFF | 2007/01/18<br>17:44 |
| S18 | 1   | "5721778".pn.   | USPAT  | OR | OFF | 2007/01/18<br>17:45 |
| S19 | 1   | "5699434".pn.   | USPAT  | OR | OFF | 2007/01/18<br>17:45 |
| S20 | 165 | (380/217).OOLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/18<br>19:39 |
| S21 | 17  | S20 and (rule or rules)<br>and (money or cost or<br>budget or bill\$4)  | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/18<br>19:39 |
| S22 | 24  | ("5272576"   "5539635"  <br>"5625610"   "5668873"  <br>"5703859"   "5734961"  <br>"5778064"   "5739380"  <br>"5779081"   "5812937"  <br>"58259681"   "5870710").<br>PN. OR ("6011761").<br>UFPN.    | US-PGPUB;<br>USPAT; USOCR  | OR | OFF | 2007/01/18<br>19:46 |

| S23 | 5     | "715597".ap.                 | US-PGPUB;<br>USPAT   | OR | OFF | 2007/09/14<br>10:45 |
|-----|-------|------------------------------|--|----|-----|---------------------|
| S24 | 5     | "715597".ap.                 | US-PGPUB;<br>USPAT   | OR | OFF | 2007/10/04<br>13:13 |
| S25 | 28286 | advertisement                | USPAT  | OR | ON  | 2007/12/07<br>18:22 |
| S26 | 313   | S25 with stream              | USPAT  | OR | ON  | 2007/12/07<br>18:22 |
| S27 | 14    | S25 with stream with<br>MPEG | USPAT  | OR | ON  | 2007/12/07<br>19:32 |
| S28 | 185   | (380/217).COLS.              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/07<br>19:32 |
| S29 | 144   | (380/212).OOLS.              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/07<br>19:32 |
| S30 | 0     | "Shamoon-Tala-G."            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/07<br>19:33 |
| S31 | 0     | "Shamoon-Talal-G."           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/07<br>19:33 |
| S32 | 0     | "Shamoon-Talaj-G."           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/07<br>19:36 |
| S33 | 0     | "Shamoon-Talal-G."           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/07<br>19:36 |
| S34 | 0     | "Shamoon-Talal-G.in."        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/07<br>19:36 |
| S35 | 0     | "Shamoon-Talal.in."          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/12/07<br>19:36 |

| S36 | 5   | Hill-Palph.in.  | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2007/12/07<br>19:37 |
|-----|-----|---|--|-----|-----|---------------------|
| S37 | 1   | Shamoon-Talal.in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2007/12/07<br>19:38 |
| S38 | 7   | Radcliffe-Chris-d.in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2007/12/07<br>19:40 |
| S39 | 5   | Sbert-w.in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2007/12/07<br>19:41 |
| S40 | 128 | Van-wie-david-m.in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2007/12/07<br>19:41 |
| S41 | 5   | "715597".ap.  | US-PGPUB;<br>USPAT   | OR  | OFF | 2008/02/19<br>14:01 |
| S42 | 22  | stream\$4 player and<br>(rdm or digital rights<br>management)     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/07/14<br>19:24 |
| S43 | 11  | S42 and (encrypt\$4 and decrypt\$4)                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/07/14<br>19:25 |
| S44 | 151 | stream\$4 player and<br>(security or encrypt\$4)                  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/07/14<br>19:30 |
| S45 | 154 | stream\$4 player and<br>(security or encrypt\$4 or<br>decrypt\$4) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/07/14<br>19:31 |
| S46 | 154 | stream\$4 player and<br>(security or encrypt\$4 or<br>decrypt\$4) | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/07/14<br>19:34 |

| S47         | 18      | S46 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325")         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/07/14<br>19:34 |
|-------------|---------|--|--|-----|-----|---------------------|
| S48         | 2730964 | non-volatile memory<br>internally inteqrated with<br>player  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2008/07/14<br>23:44 |
| S49         | 0       | non-volatile memory<br>internally inteqrated with<br>player  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/14<br>23:44 |
| <b>S</b> 50 | 591     | non-volatile memory with<br>player   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/14<br>23:44 |
| S51         | 119     | non-volatile memory with<br>player   | USPAT  | ADJ | OFF | 2008/07/14<br>23:45 |
| S52         | 46      | S51 and (@pd<br>  <"19990325" OR @ad<br>  <"19990325" OR @rlad<br>  <"19990325" OR @prad<br>  <"19990325") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/07/14<br>23:45 |
| S53         | 1       | "5905797".pn.  | USPAT  | OR  | OFF | 2008/07/15<br>11:22 |
| S54         | 2372    | (713/193).CCLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2008/07/15<br>22:38 |
| S55         | 549     | S54 and (@pd<br>  <"19990325" OR @ad<br>  <"19990325" OR @rlad<br>  <"19990325" OR @prad<br>  <"19990325") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/07/15<br>22:38 |
| S56         | 0       | Shammon-talal-G.in.  | US-PGPUB;<br>USPAT   | OR  | OFF | 2008/07/15<br>22:40 |
| S57         | 0       | Shammon-talai-G.in.  | US-PGPUB;<br>USPAT   | OR  | OFF | 2008/07/15<br>22:41 |
| S58         | 16      | Snamoon-Talal-g.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2008/07/15<br>22:41 |
| S59         | 1       | "7197568".pn.  | USPAT  | OR  | OFF | 2008/07/16          |

| S60 | 3213123 | message authenticat\$4<br>code or mac  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2008/07/16<br>11:30 |
|-----|---------|--|--|-----|-----|---------------------|
| S61 | 100517  | message authenticat\$4<br>code or mac  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/07/16<br>11:30 |
| S62 | 6       | "715597".ap.   | US-PGPUB;<br>USPAT   | OR  | ON  | 2009/06/17<br>10:22 |
| S63 | 11      | shamoon-talal-g.in.  | US-PGPUB;<br>USPAT   | OR  | ON  | 2009/06/17<br>10:23 |
| S64 | 10      | hill-ralph-d.in.   | US-PGPUB;<br>USPAT   | OR  | ON  | 2009/06/17<br>10:24 |
| S65 | 5       | radcliffe-chris-d.in.  | US-PGPUB;<br>USPAT   | OR  | ON  | 2009/06/17<br>10:25 |
| S66 | 6       | hwa-john-p.in.   | US-PGPUB;<br>USPAT   | OR  | ON  | 2009/06/17<br>10:25 |
| S67 | 0       | sibert-olin-w.in.  | US-PGPUB;<br>USPAT   | OR  | ON  | 2009/06/17<br>10:25 |
| S68 | 0       | slbert-w-olin.in.  | US-PGPUB;<br>USPAT   | OR  | ON  | 2009/06/17<br>10:26 |
| S69 | 0       | sibert-w.in.   | US-PGPUB;<br>USPAT   | OR  | ON  | 2009/06/17<br>10:26 |
| S70 | 0       | van wie-david-m.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/06/17<br>10:27 |
| S71 | 0       | wie-david-m.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | OFF | 2009/06/17<br>10:27 |
| S72 | 232     | (380/217).CCLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/06/17<br>10:39 |
| S73 | 97      | S72 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/06/17<br>10:39 |
| S74 | 542     | (380/210).CCLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/06/17<br>11:13 |

| S75 | 171  | S74 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/06/17<br>11:13 |
|-----|------|---|--|-----|-----|---------------------|
| S76 | 404  | (380/239).OOLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/06/17<br>11:22 |
| S77 | 198  | S76 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/06/17<br>11:22 |
| S78 | 433  | (380/43).OOLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/06/17<br>11:25 |
| S79 | 327  | S78 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/06/17<br>11:25 |
| S80 | 2781 | (713/193) .COLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/06/17<br>11:30 |
| S81 | 568  | \$30 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325")   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/06/17<br>11:30 |
| S82 | 45   | \$80 and (@pd<br><"19990325" OR @rdad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") and<br>(encrypt\$4) and (decrypt<br>\$4) and (decompress\$4)                            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/06/17          |
| S83 | 51   | \$80 and (@pd<br><19990325" OR @ad<br><19990325" OR @rlad<br><19990325" OR @prad<br><19990325") and<br>(encrypt\$4 scramb\$4<br>encod\$4) and (decrypt\$4<br>decod\$4) and<br>(decompress\$4) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | ON  | 2009/06/17<br>11:31 |

| S84 | 1919 | (380/28).COLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/06/17<br>11:35 |
|-----|------|---|--|-----|-----|---------------------|
| S85 | 27   | \$84 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") and<br>(encrypt\$4 scramb\$4<br>encod\$4) and (decrypt\$4<br>decod\$4) and<br>(decompress\$4) | US-PGPUB;<br>USPAT; USOCR;<br>FPBS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | ON  | 2009/06/17<br>11:35 |
| S86 | 152  | (380/232) .COLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/06/17<br>11:37 |
| S87 | 52   | S36 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/06/17<br>11:38 |
| S88 | 123  | (380/287) .COLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/06/17<br>11:42 |
| S89 | 70   | \$38 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325")   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/06/17<br>11:42 |
| S90 | 566  | (380/54).COLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/06/17<br>11:48 |
| S91 | 388  | S30 and (@pd<br>  <"19990325" OR @ad<br>  <"19990325" OR @rlad<br>  <"19990325" OR @prad<br>  <"19990325")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/06/17<br>11:48 |
| S92 | 213  | (380/231) .COLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/06/17<br>11:53 |
| S93 | 115  | S92 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/06/17<br>11:53 |

| S94  | 1311 | (380/201).CCLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/06/17<br>11:59 |
|------|------|---|--|-----|-----|---------------------|
| S95  | 371  | S94 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/06/17<br>11:59 |
| S96  | 370  | (704/503).COLS.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/06/17<br>12:03 |
| S97  | 188  | \$96 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/06/17<br>12:03 |
| S98  | 130  | (704/504).OOLS.   | US-PGPUB;<br>USPAT; USOOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/06/17<br>12:07 |
| S99  | 81   | \$98 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/06/17<br>12:07 |
| S100 | 2125 | (726/26).COLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/06/17<br>12:10 |
| S101 | 259  | S100 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON  | 2009/06/17<br>12:10 |
| S102 | 1475 | (726/27).COLS.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | OFF | 2009/06/17<br>12:12 |
| S103 | 155  | S102 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM TDB | ADJ | ON  | 2009/06/17<br>12:12 |

| S104 | 0     | ((stream\$4 media player) and (content protect\$4) and (digital rights management) and (port) and (receiv\$4 digital bit stream) and (mux\$4) and (content) and (encrypt \$4) and (control) and (key) and (decrypt\$4) and (first rule "or" rule set) and (predefined system identifier) and (extract\$4 cryptographic keys) and (second rule "or" rule set) and (nortor-olatile memory internally integrated) and (enforc\$4) and (select\$4 pass\$4) and (demux) and (decompress\$4 unit) and (render\$4) and (stream controller) and (substream), olm. | US-PGPUB;<br>USPAT   | ADJ | ON | 2009/06/17          |
|------|-------|---|--|-----|----|---------------------|
| S105 | 15659 | (digital adj2 rights adj2<br>management) ("DRM")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | ON | 2009/06/17<br>12:20 |
| S106 | 5507  | S105 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325")   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | ADJ | ON | 2009/06/17<br>12:20 |
| S107 | 108   | \$105 and (@pd<br><"19990325" OR @dd<br><"19990325" OR @nad<br><"19990325" OR @prad<br><"19990325") and<br>(encrypt\$4 scramb\$4<br>encod\$4) and (decrypt\$4<br>decod\$4) and<br>(decompress\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | ON | 2009/06/17<br>12:21 |
| S108 | 103   | S115 and (@pd<br><"19990325" OR @ad<br><"19990325" OR @rlad<br><"19990325" OR @prad<br><"19990325") and<br>(encrypt\$4 scramb\$4<br>encod\$4) and (decrypt\$4<br>decod\$4) and<br>(decompress\$4) and (rule<br>policy)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR  | ON | 2009/06/17<br>12:21 |

| S109 | 102 | \$105 and (@pd < "19990325" OR @ad < "19990325" OR @rlad < "19990325" OR @prad < "19990325") and (encrypt\$4 scramb\$4 encod\$4) and (decrypt\$4 decod\$4) and (rule policy) and (memory) and (me | US-PGPUB;<br>USPAT; USCOR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/17<br>12:21 |
|------|-----|--|--|----|-----|---------------------|
| S110 | 33  | S105 and (@pd < "19990325" OR @dd < "19990325" OR @rlad < "19990325" OR @prad < "19990325") and (encrypt\$4 scramb\$4 encod\$4) and (decrypt\$4 decod\$4) and (decompress\$4) and (rule policy) and (non-volatile adj2 memory)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/17<br>12:22 |
| S111 | 0   | \$105 and (@pd<br><"19990325" OR @dad<br><"19990325" OR @had<br><"19990325" OR @prad<br><"19990325") and<br>(encrynt54 soramb\$4<br>encod\$4) and (decrypt\$4<br>decod\$4) and (decompress\$4) and (rule<br>policy) and (non-volatile<br>adj2 memory) and (mux<br>\$4)   | US-PGPUB;<br>USPAT; USCOR;<br>FPRS; EPO;<br>JPC; DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/17<br>12:22 |
| S112 | 0   | \$105 and (@pd < "19990325" OR @ad < "19990325" OR @tlad < "19990325" OR @prad < "19990325" OR @prad < "19990325") and (encrynt54 scramb\$4 encod\$4) and (decorpress\$4) and (rule policy) and (non-volatile adig) memory) and (mux \$4)  | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPC; DERWENT;<br>IBM_TDB | OR | ON  | 2009/06/17<br>12:23 |
| S113 | 6   | "715597".ap.   | US-PGPUB;<br>USPAT   | OR | OFF | 2009/12/14<br>10:13 |

12/14/2009 1:58:56 PM

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